



"To Honor Those Who Serve, Past, Present & Future"

January 2021

Volume 22, Issue 01

**Lest We Forget —  
"The USSVI Submariner's Creed"**

**To perpetuate the memory of our shipmates who gave their lives in the pursuit of their duties while serving their country. That their dedication, deeds, and supreme sacrifice be a constant source of motivation toward greater accomplishments. Pledge loyalty and patriotism to the United States of America and its Constitution.**

**Inside This Issue:**

|                           |    |
|---------------------------|----|
| Meeting minutes           | 2  |
| Lost Boats                | 3  |
| Undersea Warfare Hist     | 3  |
| New Tang, Wahoo           | 4  |
| New SSN hull options      | 5  |
| Expanding Arctic activity | 8  |
| Contact information       | 9  |
| Application form          | 10 |

**News Brief**

1. **Next Meeting:** Restrictions on group gatherings related to Coronavirus have caused a temporary suspension of our monthly meetings.  
**January 16, 2021** – WATCH E-MAIL FOR AN ANNOUNCEMENT.
2. Duty Cook Roster:
  - a. GET READY TO VOLUNTEER WHEN OUR MEETINGS RESUME.
3. **January Birthdays:** Robert Zorn 5<sup>th</sup>; Glenn Barts 20<sup>th</sup>. Happy Birthday Shipmates!
4. During 2020, we introduced a **new style to communicate** with our members. Our communications now are fully electronic. Kindly keep us posted with an e-mail address that you use and check regularly in order to stay in-touch.
5. **Crash Dive** has a few openings where you can showcase your skills while serving your shipmates. Can you see yourself as our Chaplain, Community Outreach Chair, Membership Chair, Charitable Giving Chair, or Vice-Commander? Contact Clay Hill to step-up.
6. Give a little something that can mean a lot: A **\$2.50 contribution** gets a cup of coffee-plus a message of encouragement-to a randomly selected, active duty service member. To donate: Go to <https://GreenBeansCoffee.com> ...then click on "**Cup of Joe for a Joe.**".

## Crash Dive Meeting Minutes December 19, 2020

- 1) Call to Order 1107
  - a) SOUND Klaxon
  - b) All Rise
  - c) Let us at this time, with a moment of silent prayer, remember our shipmates who made the supreme sacrifice that we may gather here in peace. We dedicate this meeting to our Shipmates on Eternal Patrol, to perpetuate their memories in our lives and to honor our Shipmates on active duty in the service of the first line of defense of our Nation.
  - d) The following submarines were lost during the month of **December**:

|                  |          |                     |
|------------------|----------|---------------------|
| USS Capelin      | (SS-289) | 02 December<br>1943 |
| USS Sea<br>Lion  | (SS-195) | 10 December<br>1941 |
| USS F-<br>1/Carp | (SS-20)  | 17 December<br>1917 |
| USS S-4          | (SS-109) | 17 December<br>1927 |

- 2) Invocation
  - a) Pledge of Allegiance
- 3) Member Introduction – Would each member please state your name and the boats you served on for those new members and guests who don't know us.
- 4) Attendance
  - a) Frank Walter
  - b) Bret Zacher
  - c) Manuel Garmendez
  - d) Clayton Hill
  - e) Scott Jaklin
  - f) Glenn Barts
  - g) Ted Rotzoll
  - h) Chris Gaines
  - i) Ed Potts
- 5) Reports:

Page 2

- a) Secretary's Report
  - i) Invoices working with Chris
  - ii) Online meetings. Going well
- b) Treasurer's Report
  - i) CD 4,232.17, 1173.69
  - ii) Mem 23,582.51, 5.00
- c) Committee Reports
  - i) Newsletter – Chris Gaines
    - (1) Newsletter in progress. Nov ready, Dec to be uploaded soon.
    - (2) Mailing vs Posting alert to website
    - (3) Newsletter to be emailed also
  - ii) Membership – Tom Polzin
  - iii) Community Outreach –
    - (1) Greg is no longer with Crash Dive
  - iv) Hospitality – Larry Warnke  
ABSENT
    - (1) Bret drove by and Club is closed "until further notice"
  - v) Webmaster – Frank Voznak, Jr.  
ABSENT
    - (1) Please get in touch with Scott to share knowledge with webpage and online functions
  - vi) Storekeeper – Herman Mueller  
ABSENT
  - vii) Procedures – Chris Gaines  
discussed in other reports
  - viii) Eagle Scout – Ted Rotzoll
    - (1) Slow responses, no pictures coming in.
    - (2) Program is still going. 13 scouts, only 1 court of honor
  - ix) Memorial Committee – Frank Voznak, Jr. ABSENT
    - (1) Frank has gotten in touch with Michelle Woods; signage work information to follow.h
- 6) Old (Unfinished) Business

Crash Dive Base  
Rondout - Lake Bluff, IL

- a) Elections – pending quorum
  - i) Vice commander
    - (1) Manny and Bret express interest in covering position
- 7) Community Outreach
  - a) Vacant
- 8) Hospitality
  - a) Vacant
- 9) Membership
  - a) Bret willing to take when transitioning to Treasurer
- 10) Chaplain
  - a) Clay will cover function for now
- 11) Bret raises point of station holding by other organization
  - a) Membership Dues
    - i) Invoices for dues
  - b) Carryover from Oct
    - i) How-to PR-Media Guide provided by Kate Ramsay to Greg Miller
      - (1) Greg – Donate \$500 to Operation Santa, still a thing?
      - (2) Postponed until next year
      - (3) Toys for Tots – Will we participate this year?
      - (4) Too close to deadline
  - c) Cobia Drydocking
  - d) Project for base to support and provide purpose
  - e) Sub AirBnB, any way to support those efforts?
  - f) Navy involvement for maintenance and upkeep, they'll take the boat away for scrap/reef
  - g) Clay will reach out to museum
- 12) New Business
  - a) Great Lakes base has been having difficulty in organizing basic functions, Scott is trying our meeting format in hopes of improving other base operations

- b) Scott tells us about the recruits stuck at Great Lakes and organizing a meeting to boost morale
- c) Dues, losing some members to Illinois base.
- d) Bret motions for arrears to be forgiven in 2020, 2<sup>nd</sup> by Manny. Motion carries.
- e) Bret motions to suspend BASE DUES ONLY for 2021, 2<sup>nd</sup> by Ed, motion carries. Dues for national still to be collected.
- f) Great Lakes has 50-60 active members. Unable to host meetings, even online at the moment.
- 13) Good of the Order
  - a) Duty Cook – Not applicable
  - b) 786 Club
    - i) CO treated at Tripler
  - c) Staff meetings via Zoom?
    - i) Deemed not to be necessary
- 14) SOUND Klaxon
  - a) Next Meeting is January 16, 2021 via Zoom unless otherwise possible
- 15) Adjourn. 1211

## Lost Boats

|               |          |         |
|---------------|----------|---------|
| USS Scorpion  | (SS-278) | 1/5/44  |
| USS Argonaut  | (SS-166) | 1/10/43 |
| USS Swordfish | (SS-193) | 1/12/45 |
| USS S-36      | (SS-141) | 1/20/42 |
| USS S-26      | (SS-131) | 1/24/42 |

## Undersea Warfare History

- **January 06, 1923** | USS S-19 (SS-124) was recommissioned at Groton, CT., with LCDR. William J. Butler in command. S-19 operated off the Northeastern coast of the United States, taking

part in Fleet exercises off Panama.

- **January 06, 1945** | USS Tuna (SS-203) began her 13th and final war patrol as she left Saipan, Marianas Island, to take position off the west coast of Borneo.
- **January 08, 1983** | USS City of Corpus Christi (SSN 705) is commissioned with CDR W.G. "Jerry" Ellis in command at Naval Base Groton, CT.
- **January 09, 1942** | USS Pollack (SS 180) sinks the Japanese freighter Teian Maru (ex-Yugoslav Tomislav) 40 miles south-southwest of Inubo Saki, Japan.
- **January 11, 1945** | USS Spearfish (SS-190) guns sank a sampan. She took 3 Japanese on board as prisoners, but one died several days later.
- **January 14, 1945** | USS Cobia (SS 245) sank the minelayer Yurishima off the southeast coast of Malay. Surfacing to photograph her sinking victim, Cobia was driven under by a Japanese bomber.
- **January 15, 1943** | USS Wahoo (SS 238) began her 3rd war patrol with her escort, USS Patterson (DD 392).
- **January 16, 1945** | USS Tautog (SS-199) sighted a ship heading toward her and fired a spread of 3 torpedoes, 1 hit blowing off the enemy's bow. Tautog fired another torpedo from a range of 700 yards and Transport No. 15 disintegrated.
- **January 17, 1942** | USS Whale (SS 293) sank the Japanese transport Heiyo Maru.
- **January 18, 1945** | USS Plunger (SS 179) sank the Japanese Cargo Ship Eizon Maru.

## SECNAV Names Two Future Virginia-class Submarines Tang, Wahoo

Not Attributed, Navy.mil, November 18

USS Tang (SSN 805) and USS Wahoo (SSN 806) will carry the names of two storied World War II submarines.

"The success in battle both previous namesakes endured will undoubtedly bring great pride to the future crews of USS Tang and USS Wahoo," said Braithwaite. "Along with the previously named USS Barb (SSN 804), these boats will honor the strong traditions and heritage of the silent service."

This will be the third time that the name Tang and Wahoo will be used for U.S. Navy submarines.

USS Tang (SS-306) was a Balao-class submarine and the first U.S. Navy ship to bear the name Tang, a surgeon fish popular in the waters of the Pacific Ocean. She was built and launched in 1943, and under the command of Lt. Cmdr. Richard H. O'Kane, she was credited with sinking five enemy ships during the boat's first war patrol. In her five patrols, Tang is credited with sinking 31 ships, totaling 227,800 tons and damaging two for 4,100 tons. Tang received four battle stars and two Presidential Unit Citations for her service during WWII, and O'Kane received the Medal of Honor for Tang's final, heroic actions.

A second USS Tang (SS-563), the first ship in the Navy's Tang-class of Diesel submarines, was commissioned in October 1951. She was among the first post-WWII submarines designed under the Greater Underwater Propulsion Power Program (GUPPY). She

went on to complete multiple patrols supporting the Vietnam War, and later became a training vessel in Groton, Connecticut, before decommissioning in February 1980. Tang earned four battle stars for service in Vietnamese waters.

USS Wahoo (SS-238) was a Gato-class submarine and the first U.S. Navy ship to be named for the wahoo fish, a scombrid fish found worldwide in tropical and subtropical seas. Construction on the submarine started before the U.S. entered WWII, and commissioned after the U.S. entered the war. On October 11, 1943, Wahoo, under the command of the renowned Lt. Cmdr. Dudley Walker “Mush” Morton, was sunk with all 79 hands onboard by air and surface attack as she was attempting to exit the Sea of Japan via La Perouse Strait. At the time of her loss, Wahoo was the most storied boat in the fleet. In her seven war patrols, she earned six battle stars and a Presidential Unit Citation. The boat would be credited with sinking 20 Japanese ships, 19 of them during her last five war patrols. Morton was later awarded the Navy Cross and the destroyer USS Morton (DD-948) was named in his honor.

The second USS Wahoo (SS-565), a Tang-class submarine, was commissioned on Memorial Day in 1952. After training exercises in the waters off the Hawaiian Islands, Wahoo embarked on tours of duty in the western Pacific as part of Seventh Fleet. She then completed two tours of duty in support of the Vietnam War and was decommissioned in June 1980. Wahoo was also recognized for her actions in Vietnamese waters.

Rules for giving certain types of names to certain types of Navy ships have evolved over time. Attack submarines, for example,

were once named for fish, then later for cities and states. However, Braithwaite supports naming future submarines after past vessels with historic naval legacies.

“Naming Virginia class submarines is a unique opportunity to reclaim submarine names that carry inspirational records of achievement,” Braithwaite added.

Attack submarines are designed to seek and destroy enemy submarines and surface ships; project power ashore with Tomahawk cruise missiles and Special Operation Forces (SOF); carry out Intelligence, Surveillance and Reconnaissance (ISR) missions; support battle group operations; and engage in mine warfare.

## Navy Looking at Options for Next-Generation Attack Submarine

Richard R. Burgess, Seapower Magazine, November 16

**ARLINGTON, Va.** —The commander of the U.S. Navy’s submarine forces said the service’s submarine community is looking at several options for the basis of the next-generation nuclear-powered attack submarine (SSN).

Vice Adm. Daryl Caudle, commander, Submarine Forces, speaking Nov. 16 in a webinar for the annual symposium of the naval Submarine League, said the service is looking at three options: a development of the Virginia-class SSN; a development of the Columbia-class nuclear-powered ballistic-missile submarine; and a new-from-scratch SSN design.

“We’re going to get alternatives and make decisions on how to make this new SSN

match what we need to stay ahead of our peers,” Caudle said.

Caudle discussed some characteristics and capabilities that would be desirable in the next SSN. Increased speed is one characteristic he said is a requirement.

“Speed is basically important to improve every single joint warfare function,” he said. Speed “plays out so well in all of our wargaming [because] it helps compensate for bad decisions. It also helps us get to the fight faster and helps sustain an all-domain maneuver warfare.”

The admiral said, “We can never get enough payload capacity, so we do want submarines with large payload capacity.”

He also said that stealth is important and not limited to acoustic stealth, but across all spectrums.

“When this new SSN rolls out, we’re going to have peer competitors that are going to be able to detect us not just acoustically but through algorithms that are going to break the water interface.”

Caudle stressed that the Navy would have to make research and development investments to achieve the characteristics desired in the new SSN.

## **Navy Examining Three SSN(X) Hull Options**

Rich Abott, Defense Daily, November 16

The Navy’s commander of the submarine forces said the service is looking at three tracks for SSN (X), the next generation attack submarine: using the Virginia-class attack submarine, Columbia-class ballistic missile submarine, or a totally new hull form.

“We are looking at three different ways to build that out. We’re looking at what can we do to Virginia, what can we do to Columbia, and what do we need to build from scratch. And with studies and initiatives with our major partners that are looking at those from all 3 of those different directions,” Vice Adm. Daryl Caudle, commander of submarine force, U.S. Pacific Fleet said during the 2020 virtual Naval Submarine League Symposium.

Earlier this month, BWX Technologies [BWXT] CEO and President Rex Geveden said during a quarterly earnings call that they expect SSN(X) to be significantly larger than the current Virginia-class vessels, likely closer to the Columbia-class size. BWXT builds the nuclear reactors for the Navy’s submarines and aircraft carriers (Defense Daily, Nov. 4).

Geveden also said they expect SSN(X) to join the fleet in the late 2030s.

Caudle said they will get alternatives and make decisions “on how to make this new SSN match what we need to stay ahead of our peers.”

He identified three main characteristics they are focusing on for the SSN(X): speed, stealth, and payload capacity.

Caudle said increased submarine speed is needed to improve every joint warfare function.

“Speed is just so important. It plays up so well in all our wargaming and so it helps compensate for bad decisions. It also helps us get to the fight faster and it helps us in all-domain maneuver warfare.”

In October, Chief of Naval Operations

Adm. Mike Gilday said speed would be one of the most important factors in the SSN(X) (Defense Daily, Oct. 16).

He also emphasized the importance of a larger payload capacity because “We can never get enough payload capacity.” The SSN(X) analysis work is looking for the payload capacity to be modular and customizable as well.

While stealth is important, Caudle underscored “not just acoustic stealth, it’s stealth across all spectrums.”

He said the Navy expects by the time SSN(X) joins the fleet, peer competitors will be able to detect submarines through acoustics as well as “through algorithms that are going to break the water interface. And so those capabilities we think are coming and we have to build – basically remain clandestine with those types of capabilities in play.”

These factors match the Navy’s fiscal year 2021 budget request documents, which outlined the service’s plans to develop and start funding work on SSN(X). In the documents, the Navy said that unlike the existing Virginia-class boats, the SSN(X) “will be designed for greater transit speed under increased stealth conditions in all ocean environments, and carry a larger inventory of weapons and diverse payloads,” (Defense Daily, Feb. 13).

Caudle emphasizes the need for the right research and development investments to reach the future SSN(X) capabilities.

He said Rear Adm. William Houston, director of undersea warfare division, N97, is working on that in addition to support from the submarine forces, the

Undersea Warfighting Development Center under Caudle, Program Executive Office Submarines, and the overall Naval Sea Systems Command team.

“This is something I’m going to need a full court press on to get these capabilities identified,” Caudle added.

## **The U.S. Navy’s New Attack Submarine Could Be Huge—And Expensive**

David Axe, Forbes, November 17

That’s the surprising implication of cryptic comments from the head of the company that builds the fleet’s nuclear reactors.

“We do expect it will be a larger type of submarine, probably in the size class of the Columbia, but there’s not much more to tell than that,” Rex Geveden, the chief executive of Virginia-based BWX Technologies, told investors on Nov. 2. “But we’re working with our Navy customer in what that would look like and how we could take that into production.”

Geveden was referring to the SSN(X), the Navy’s concept for a nuclear-powered attack submarine that fleet planners hope will succeed the current Virginia class of attack boats beginning in the 2030s.

As recently as last year, the Navy aimed to develop two new submarine types in the 2020s—the SSN(X) to follow the Virginias plus a so-called “Large Payload Submarine” that would replace the fleet’s current SSGN cruise-missile submarines.

The SSGNs are former Ohio-class ballistic-missile boats (aka boomers) that

the fleet converted for the conventional land-attack mission back in the early 2000s.

If Geveden is right and the Navy wants a boomer-size hull for the SSN(X), it could obviate the need for a Large Payload Submarine. In this eventuality, all future submarines would have big hulls with big payloads. In theory, a single basic hull design could work for attack boats, cruise-missile boats and boomers.

That's a major departure from the Navy's traditional approach to submarine design. The 32 old Los Angeles-class attack boats currently in the fleet have 33-foot-diameter hulls. The 38 Virginias in service or on order have a 34-foot-diameter hull. The three Seawolf attack boats have 40-foot hulls. The 14 Ohios and four SSGNs are 42 feet wide. The 12 Columbias will be 43 feet wide.

Leaving aside the obvious cost and industrial benefits, standardizing on a single basic hull could come with tactical advantages and disadvantages. In general, a narrower hull is faster but less capacious while a wider hull is slower but allows for a greater weapons capacity.

The Seawolfs—which are fast and pack a whopping eight torpedo tubes, versus just four tubes on the Virginias—strike a balance between these extremes. If the Navy does build a wide-hull attack boat, it might aim to duplicate the careful balancing it pulled off with the Seawolfs.

The fleet lately has been moving in this direction. To help bridge the gap between the planned retirement of the SSGNs in the late 2020s and the construction of their successors a decade later, the Navy is adding a hull extension to at least 10 new Block V Virginias in

order to squeeze in 28 additional Tomahawk cruise-missile tubes, for a total of 40 of the long-range land-attack missiles.

The 10 Block Vs are hybrid attack- and cruise-missile submarines. An SSN(X) with a boomer-size hull also would be a hybrid of sorts—although it would add width instead of length in order to expand its missile capacity.

Geveden didn't mention the potential cost of a big-hull attack boat, but it probably would be substantial. A Block V Virginia costs \$3.4 billion. According to the U.S. Congressional Budget Office, a single Large Payload Submarine could set back American taxpayers as much as \$7 billion.

## **As Arctic Sea Ice Melts, Deputy CNO Says U.S. Subs Will Become More Important**

John Doyle, Seapower Magazine, November 17

**ARLINGTON, Va.** -- Submarine forces operating in the Arctic will become “more and more important,” as the polar ice melts, opening up more navigable blue water to commercial and naval vessels, a top U.S. Navy leader says.

The U.S. Submarine Force has traveled under the Arctic ice for decades, and continues to add to the Navy's understanding of the environment by testing operating systems, conducting valuable scientific research and partnering with allies in exercises like Ice Exercise (ICEX) 2020, Vice Adm. Phillip Sawyer told webinar participants Nov.

16 at the annual symposium of the Naval Submarine League.

The increasing decline of sea ice in the Arctic has opened potential sea lanes in the summer months, sparking territorial disputes. Russia, Norway, Canada and the United States all have boosted their military presence in the Arctic at a rate not seen for decades. China, calling itself a near-Arctic nation, is eager to use a trans-Arctic route to move its exports and is building its own ice breakers. Russia is placing cruise missiles on its new heavy ice breakers.

“As the polar ice recedes and more of the Arctic becomes a blue Arctic, this will present opportunities and challenges,” said Sawyer, Deputy Chief of Naval Operations for Operations, Plans and Strategy. Noting submarines are the Navy’s primary anti-submarine warfare (ASW) platforms, Sawyer added, “the submarine forces working

the Arctic will become more and more important.”

ICEX is a biennial submarine exercise to promote interoperability between allies and partners to maintain operational readiness and regional stability in the Arctic. In March, two U.S. attack submarines, the USS Connecticut and the USS Toledo, joined forces from the United Kingdom, Canada, Norway and Japan in the Arctic Sea for ICEX 2020.

“While the submarine force can go where other naval units can’t, ICEX is but one of several High North exercises the Navy executes with allies and partners.” Sawyer said. In May, the U.S. 6th Fleet conducted a bilateral ASW exercise with the Royal Navy above the Arctic Circle. Four ships, including a U.S. submarine, and a U.S. P-8A maritime patrol and reconnaissance aircraft worked together in the Norwegian Sea.

### Crash Dive Base Contact Information

Commander – Clayton Hill, 195 Clover Lane, Cedarburg, WI 53012; [clay53012@yahoo.com](mailto:clay53012@yahoo.com)  
Vice-Commander – Vacant.  
Secretary (POC) – Manny Garmendez, [mgarmendez@gmail.com](mailto:mgarmendez@gmail.com);  
Treasurer – Glenn C. Barts, Sr., 2000 Jamestown Drive, Palatine, IL 60074; 847-934-7418; [gcbarts@msn.com](mailto:gcbarts@msn.com)  
COB – Larry Warnke, [l\\_warnke@msn.com](mailto:l_warnke@msn.com)  
Chaplain – Vacant.  
Membership – Vacant.  
Storekeeper – Herman Mueller, 503 Lynn Terrace, Waukegan, IL 60085; 847-445-5034; [hermanandlorimueller@comcast.net](mailto:hermanandlorimueller@comcast.net)  
Newsletter Editor – Chris Gaines, 513 West Downer Place, Aurora, IL 60506; 630-892-5718 or [ccgaines@mindspring.com](mailto:ccgaines@mindspring.com)  
Base Historian – Frank Voznak, Jr. 9 South 255 Madison, Burr Ridge, IL. 60527; 630 986-0175 [franklin2@comcast.net](mailto:franklin2@comcast.net)



# APPLICATION FOR MEMBERSHIP

Regular  Life  Associate

**OUR CREED:** "To perpetuate the memory of our shipmates who gave their lives in the pursuit of their duties while serving their country. That their dedication, deeds and supreme sacrifice be a constant source of motivation toward greater accomplishments. Pledge loyalty and patriotism to the United States of America & its Constitution."

With my signature below I affirm that I subscribe to the Creed of the United States Submarine Veterans, Inc., and agree to abide by the Constitution, all Bylaws, Regulations and Procedures governing the U.S. Submarine Veterans, Inc., so long as they do not conflict with my military or civil obligations. I will furnish proof of my eligibility for Regular membership, including my discharge under honorable conditions, and proof of my U.S. Navy (SS) Designation, if required by the Base or the national Membership Chairman. If I am not discharged, the discharge requirement is waived. If I am not U.S. N. submarine qualified, I am applying as an Associate and my sponsor is indicated below.

- I certify that I was designated qualified in USN Submarines aboard \_\_\_\_\_ in \_\_\_\_\_ (Yr)  
(Honorary designations regardless of source do not apply under any circumstances.)
- I certify that I received a discharge under Honorable Conditions (if not currently in military service) in \_\_\_\_\_ (Yr)

Name: (Print /Type) \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ - \_\_\_\_\_ Tel: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Your E-Mail Address \_\_\_\_\_ Base/Chapter Desired: \_\_\_\_\_

The Member Dues year runs from Jan 1<sup>st</sup> thru Dec 31<sup>st</sup>. Please indicate your term preference: \_\_\_\_\_  
 Nat'l Dues: 5 Yr term: \$115.00; 3 Yr term: \$70.00; 1 yr term (Jan thru Sep) \$25.00; (Oct thru Dec adds the next yr): \$30.00;  
 Nat'l Life: 76+ yrs = \$100.00; 66 thru 75 yrs = \$200; 56 thru 65 yrs = \$300.00; 46 thru 55 = \$400.00; Thru 45 yrs = \$ 500.00;  
 Local Base/chapter dues are separate and additional. Crash Dive Base dues are \$15 annually.

How did you find USSVI?  Friend,  Boat Assn,  Local Event/News,  Internet,  Other (\_\_\_\_\_)   
 Who is your sponsoring USSVI Regular Member?: (Mandatory for Assoc Mbrs) \_\_\_\_\_   
 Associate Applicant is:  Veteran  Spouse of Veteran  Other (specify) \_\_\_\_\_

## YOUR U.S. NAVY BIOGRAPHICAL DATA

Date Of Birth (MM/DD/YY) \_\_\_\_/\_\_\_\_/\_\_\_\_ If other military service, What Branch? \_\_\_\_\_

Highest Rate & Rank Attained: \_\_\_\_\_ Mil Retired (Y/N): \_\_\_\_\_ On Active Duty? (Y/N): \_\_\_\_\_

YR entered Mil Service: \_\_\_\_\_ YR left Mil Service \_\_\_\_\_ (Active/Inactive reserve time also counts.)

Check here if your Military Service falls within these time periods: Dec 7, 1941, thru Dec 31, 1946; June 27, 1950, thru Jan 31, 1955; Aug 5, 1964, thru May 7, 1975; and Aug 2, 1990 to date.

Check here if you have been awarded an Expeditionary Medal

### Submarines and ships served aboard as ship's company (Use back if you need more space.)

- 1. \_\_\_\_\_ Hull# \_\_\_\_\_ From Yr. \_\_\_\_ to Yr. \_\_\_\_
- 2. \_\_\_\_\_ Hull# \_\_\_\_\_ From Yr. \_\_\_\_ to Yr. \_\_\_\_
- 3. \_\_\_\_\_ Hull# \_\_\_\_\_ From Yr. \_\_\_\_ to Yr. \_\_\_\_
- 4. \_\_\_\_\_ Hull# \_\_\_\_\_ From Yr. \_\_\_\_ to Yr. \_\_\_\_
- 5. \_\_\_\_\_ Hull# \_\_\_\_\_ From Yr. \_\_\_\_ to Yr. \_\_\_\_

Next of Kin: Name: \_\_\_\_\_ Relationship: \_\_\_\_\_ (Spouse, Partner, Son, Dau, Parent, Other)

Addr: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip: \_\_\_\_\_ Tel: \_\_\_\_\_  
(Leave this address line blank if the same as your home address)

Upon completion, give or mail this form, including your National and Base membership DUES (payable to 'Crash Dive Base') to Crash Dive Membership Chairman Tom Polzin, 1305 Winslow Circle, Woodstock, IL 60098; 847-867-8668